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PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Meuris, et al.)	Group Art Unit 2825
Appl. No.	:	10/630,439)	
Filed	:	July 29, 2003)	I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on
For	:	METHOD AND APPARATUS FOR SIMULATING PHYSICAL FIELDS)	May 3, 2005 (Date)
Examiner	:	Stacy Whitmore)	 Eric M. Nelson, Reg. No. 43,829

RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

In a Restriction Requirement, mailed April 6, 2005, restriction was made to one of the following inventions:

- I. Claims 1-2, 6-12, drawn to simulation of a system by directly solving field equations modified by the addition of dummy field.
- II. Claims 3-4, drawn to a data structure for use in numerical analysis of a simulation of a system represented by an n-dimensional mesh, further including definitions of a parameter of the dummy field associated with the nodes of the mesh.
- III. Claim 5, drawn to a data structure for use in numerical analysis of a simulation of a system represented by an n-dimensional mesh.
- IV. Claims 13-16, drawn to an apparatus for simulating n-dimensional mesh.

Applicant hereby elects **Group I**, without traverse.

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If the Examiner has any questions, he is invited to contact the undersigned directly.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 5/31/2005

By:



Eric M. Nelson
Registration No. 43,829
Attorney of Record
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Please Direct All Correspondence to Customer Number **20995**

RESPONSE TRANSMITTAL

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 App. No : 10/630,439
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 Examiner : Stacy Whitmore
 Art Unit : 2825

CERTIFICATE OF MAILING

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May 3, 2005

(Date)

Eric M. Nelson, Reg. No. 43,829

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

- (X) Response to Restriction Requirement in 2 pages.
- (X) Return prepaid postcard.
- (X) Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

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